

NWS Form E-5

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(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

February 16, 2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

A wet weather pattern began in mid January that brought much needed moisture to the drought stricken San Angelo hydrologic service area (HSA). On the 9th through 10th, an upper level storm system tracked over the HSA bringing a few thunderstorms and a mixture of rain, sleet and snow. With the exception of southern Crockett County, most areas received some moisture from the event. As much as three to five inches of snow was reported across parts of Tom Green, Sterling, Nolan and Fisher Counties. Water equivalent precipitation ranged from a half inch to over two inches across the HSA. From the 24th through 25th, another strong upper level storm system tracked across the southwestern U.S. and northern Mexico which produced more beneficial rainfall to the region. One half to over one inch of rain was widespread across much of the region. Two to three inches of rain were reported across Coleman, Callahan and Brown Counties.

The average precipitation reported from coop observers in January was 2.62 inches. The highest monthly precipitation total of 5.52 inches was reported in Brown County. Only the Coop observers in Brown and Coleman Counties received over five inches of precipitation in January.

The San Angelo Regional Airport received 3.30 inches of precipitation during January, which was 2.37 inches above normal for the month. This was the fourth wettest January on record. The monthly normal precipitation for San Angelo in January is 0.93 of an inch.

The Abilene Regional Airport received 2.77 inches of precipitation during January, which was 1.75 inches above normal for the month. This was the eighth wettest January on record. The monthly normal precipitation for Abilene in January is 1.02 inches.

Junction received 1.52 inches of rain during January. The estimated average monthly rainfall in January is about 0.80 of an inch.

Coop Observer Rainfall Totals for January, 2012:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	2.99		Menard	3.01
Acton Ranch	1.14		Merkel 12SW	2.47
Albany	0.45		Mertzon 12WNW	2.03
Ballinger 2NW	2.90		Ozona 22SE	1.25
Brady	3.21		Paint Rock	2.63
Brownwood	5.52		Putnam	3.47
Burkett	3.80		Red Bluff Crossing	2.81
Coleman	3.35		Roscoe	2.77
Eden	3.10		Rotan	1.85
Eldorado	1.21		San Angelo WFO	2.77
Fort Griffin	3.18		San Saba 7NW	3.33
Fort McKavett	2.05		Santa Anna 12SSE	2.85
Glen Cove 2NE	3.57		Silver Valley	3.94
Hamlin	2.33		Sonora	1.73
Haskell	1.74		Sterling City	2.83
Hords Creek Res.	5.14		Taylor Ranch	2.87
Humble Pump	1.64		Throckmorton 7NE	2.15
Junction 4SSW	1.06		Water Valley	2.84
Lake Abilene	3.11		Water Valley 11NE	2.43
Mason	1.96		Woodson	3.28

Reservoir Conditions (end of January, 2012)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	38,140	54
Lake Stamford	52,700	27,000	52
Hubbard Creek Lake	317,800	155,800	49
Hords Creek Lake	8,800	2,230	27
Lake Brownwood	131,428	60,990	46
E.V. Spence	488,760	2,310	0
O.C. Fisher	119,200	1,050	0
O.H. Ivie	554,340	98,270	18
Twin Buttes	177,800	11,950	7

Hydro Products Issued

ESF = 2 (Probabilistic Forecast)

FLS = 3 (Flood Advisory)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for January across the San Angelo HSA is depicted below.

